

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FIRST-NAMED INVENTOR: Shimkets

FOR: Novel Nucleic Acid Sequences Encoding Human Semaphorin-like  
Polypeptides

Assistant Commissioner for Patents  
Washington, D.C. 20231

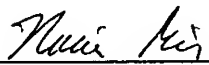
INFORMATION DISCLOSURE STATEMENT AND ACCOMPANYING  
FORM PTO-1449

Applicants submit herewith copies of modified PTO-1449 forms submitted in parent application USSN 09/604,286 from which the presently filed application claims priority. Copies of the references listed therein are not enclosed but will be provided upon request. Applicants request that each of the listed documents be made of record in the presently filed application.

This information disclosure statement is being submitted concurrently with the filing of the application. Accordingly, no fee is believed due. However, the Commissioner is authorized to charge any fees due, or credit overpayments of same, to Deposit Account No. 50-0311, Ref. No. 15966-554 CON-S14 (Cura-54 CON-S14).

Respectfully submitted,

Dated: November 2, 2001

  
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Attorney Docket No.: 15966-554

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PTO/SB (12-97)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/604,286
	<b>Filing Date</b>	6/22/00
	<b>First Named Inventor</b>	Shimkets
	<b>Group Art Unit</b>	Not Yet Assigned
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	15966-554

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,597,725	1/28/97	Suzuki, S.			

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B1	WO	99/61471	Tang, Y.T.	12/2/99		
	B2	WO	99/53051	Edwards, D.M.	10/21/99		
	B3	WO	99/31236	Bougueleret, L.	6/24/99		
	B4	WO	86/04239	Shoyab, M	7/31/86		

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Genbank Accession Number: P31044
	C2	Genbank Accession Number: P30086
	C3	Genbank Accession Number: Q13670
	C4	Genbank Accession Number: O75631
	C5	Genbank Accession Number: P79995
	C6	Genbank Accession Number: P55285
	C7	Genbank Accession Number: O00276
	C8	Genbank Accession Number: Q64151
	C9	Genbank Accession Number: Q92854
	C10	Genbank Accession Number: P07106
	C11	Hall, K. T., L. Boumsell, et al. (1996). "Human CD100, a novel leukocyte semaphorin that promotes B-cell aggregation and differentiation." <i>Proc Natl Acad Sci U S A</i> 93(21): 11780-5.
	C12	Nicolaides, N. C., K. C. Carter, et al. (1995). "Genomic organization of the human PMS2 gene family." <i>Genomics</i> 30(2): 195-206.
	C13	Wu, X. R. and T. T. Sun (1993). "Molecular cloning of a 47 kDa tissue-specific and differentiation-dependent urothelial cell surface glycoprotein." <i>J. Cell. Sci.</i> 106(Pt 1): 31-43.

<b>Examiner Signature</b>		<b>Date Considered</b>	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

TRADEDOCS:1357824

JC927 U.S. PTO  
10/002050  
11/02/01

Express Mail No.: EL870248065US  
Date of Deposit: August 2, 2001

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PTO/SB (12-97)  
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	<b>Filing Date</b>	6/22/00
	<b>First Named Inventor</b>	Shimkets
	<b>Group Art Unit</b>	1632
	<b>Examiner Name</b>	R. Schnizer
	<b>Attorney Docket Number</b>	15966-554

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A2	5,888,742	3/30/99	Lal et al.			
	A3	5,011,777	4/30/91	Shoyab et al.			
	A4	5,646,250	7/8/97	Suzuki			

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B5	WO	99/06550	Genetics Institute Inc.	2/11/99		
	B6	WO	99/02546	Human Genome Sciences Inc.	1/21/99		
	B7	WO	97/17368	Dana Farber Cancer Institute	5/15/97		
	B8	WO	98/45712	Human Genome Sciences Inc.	10/15/98		
	B9	WO	97/07198	Genetics Institute Inc.	2/27/97		
	B10	WO	99/05256	Harvard College	2/4/99		
	B11	WO	00/09552	Genetics Institute Inc.	2/24/00		

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C14	Marra et al., "Stragene mouse heart (#937316) Mus musculus cDNA clone." EMBL Accession Number: AA089062, 1996.
	C15	Hillier et al., "Soares infant brain 1NIB Homo sapiens cDNA clone." EMBL Accession Number: H18553, 1995.
	C16	Strausberg R., "NCI_CGAP_GC6 Homo sapiens cDNA clone." EMBL Accession Number: A1638881, 1999.
	C17	Hillier et al., "Soares melanocyte 2NbHM Homo sapiens cDNA clone." EMBL Accession Number: W01259, 1996.
	C18	Fushimi et al., "Cloning and expression analysis of cadherin-10 in the CNS of the chicken embryo." <i>Developmental Dynamics</i> 209:269-85, 1997.
	C19	Kools et al., "The human cadherin-10 gene: complete coding sequence, predominant expression in the brain, and mapping on chromosome 5p13-14." <i>FEBS Lett</i> 452:328-34, 1999.
	C20	Inagaki et al., "Identification of a member of mouse semaphorin family." <i>FEBS Lett</i> 370:269-72, 1995.

<b>Examiner Signature</b>		<b>Date Considered</b>	
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35927 U.S. PTO  
10/002050  
11/02/01